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(54) IMAGE CONVERTER

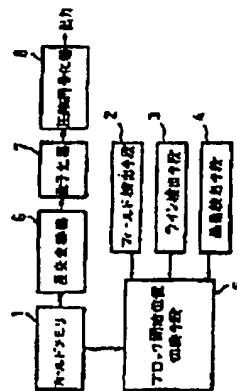
recording data.

(57) Abstract:

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PURPOSE: To effectively eliminate the influence of block archifact on visual sense when a video signal is digitized and encoded by conversion.

CONSTITUTION: Field memory 1 to which a digital video signal is inputted is to make each field of the video signal into blocks, and a picture element is re-arranged in rectangular block unit of lateral N picture elements and longitudinal 14 picture elements. A blocking start position switching means 5 to which information from a field detecting means 2, a block line detecting means 3, and a picture element detecting means 4 are supplied, respectively is connected to the field memory 1, and the blocking start position of each field is switched by the switching means 5, and the blocking start position is controlled so as to vary a conversion blocking position at every block line in a vertical or horizontal direction in each field. Orthogonal transformation is applied to the video signal by an orthogonal transformer 6, and the rounding of data by a quantizer 7. The compression of data amount is performed by a compression encoder 8, and data is outputted as



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